

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L13	519530	heat thermal thermally heating	US-PGPUB	OR	ON	2007/05/05 17:36
L14	1518	sense adj line	US-PGPUB	OR	ON	2007/05/05 17:36
L15	5623	sdt gmr spin adj dependent adj (tunnel tunnelling) giant adj magnetoresistive	US-PGPUB	OR	OFF	2007/05/05 17:36
L16	784206	via or contact adj hole	US-PGPUB	OR	ON	2007/05/05 17:36
L17	2918	L15 and L16	US-PGPUB	OR	ON	2007/05/05 17:36
L18	769	L13 and L14	US-PGPUB	OR	ON	2007/05/05 17:36
L19	686	L16 and L18	US-PGPUB	OR	ON	2007/05/05 17:36
L20	44	L15 and L19	US-PGPUB	OR	ON	2007/05/05 17:36
L21	50	L13 same L14	US-PGPUB	OR	ON	2007/05/05 17:36
L22	15	L21 and L20	US-PGPUB	OR	ON	2007/05/05 17:36
L23	79	L21 or L20	US-PGPUB	OR	ON	2007/05/05 17:36
L24	15	L22 and (sense sensing retrieving retrieval bit adj line)	US-PGPUB	OR	ON	2007/05/05 17:36
L25	15	"6704220"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/05 17:36
L26	28	("20020009840"   "20020036331"   "20020163834"   "20030090930"   "20030156444"   "20030161180"   "20030170976"   "20030214835"   "5640343"   "5703805"   "5838608"   "5930164"   "6072718"   "6169689"   "6269018"   "6272041"   "6331943"   "6385082"   "6483734"   "6515888"   "6522573"   "6535416"   "6590806"   "6594175"   "6603678"   "6621730"   "6631085"   "6704220").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 17:36
L27	8	L26 and (sense sensing retrieving retrieval bit adj line)	US-PGPUB	OR	ON	2007/05/05 17:36
L28	1022	scheurlein scheuerlein scheurlien scheuerlein	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36

## EAST Search History

L29	7	sussner.in. and heat\$3	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/05 17:36
L30	53	"6130835" and (sdt mram gmr resonance magnetic ferromagnetic antiferromagnetic anti-ferromagnetic mtj)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L31	9742	((257/295,421) or (365/158,171,200)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/05 17:36
L32	343	L28 and (heat heated heating thermal thermally ohmic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L33	229	L32 and (sdt mram gmr resonance magnetic ferromagnetic antiferromagnetic anti-ferromagnetic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L34	9461	curie near temperature and (sdt mram gmr resonance magnetic ferromagnetic antiferromagnetic anti-ferromagnetic mtj)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L35	99	(Peter and Roberts).in.	US-PGPUB	OR	OFF	2007/05/05 17:36
L36	4	L33 and sense with (heat heated heating thermal thermally ohmic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L37	22	"6130835" and (heat heated heating thermal thermally ohmic)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L38	21	L30 and L37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L39	63	curie near temperature and (sdt mram gmr resonance magnetic ferromagnetic antiferromagnetic anti-ferromagnetic mtj) and sense adj line	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36

## EAST Search History

L40	3	(US-20030007398-\$ or US-20040125673-\$ or US-20050002267-\$).did. or (US-6653704-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/05 17:36
L41	2	L40 and curie near temperature and sense with (heat heated heating thermal thermally) and (write word) adj (conductor line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L42	3	L40 and sense with (heat heated heating thermal thermally)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L43	2	L42 and interconnection	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L44	2	"20040125673" and curie near temperature and (spin dependent tunnel and gmr) and sense adj line and (write word) adj (conductor line)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/05 17:36
L45	7	L35 and socket	US-PGPUB	OR	OFF	2007/05/05 17:36
L46	2	(US-20050104146-\$ or US-20040125673-\$).did.	US-PGPUB	OR	OFF	2007/05/05 17:36
L47	2	L46 and (via layer)	US-PGPUB; USPAT	OR	ON	2007/05/05 17:36
L48	2	L46 and via	US-PGPUB; USPAT	OR	ON	2007/05/05 17:36